25.0 AIRCRAFT REGISTRAION TRANSACTION

25.1	DESCRIPTION	2
25.2	INQUIRY MESSAGE KEY	2
25.3	INQUIRY DESTINATION LIMITATIONS	2
12.4	DATA ELEMENTS	2
25.4	4.1 GQ DATA ELEMENTS	2
25.4	4.2 GQ INQUIRY FORMATS	3
25.4	1.3 INQUIRY BY REG - EXAMPLE	3
25.4	1.4 INQUIRY BY SER - EXAMPLE	3
25.4	1.5 INQUIRY BY NAM - EXAMPLE	4
25.5	INQUIRY RESPONSES	4
25.5	5.1 INQUIRY RESPONSE - EXAMPLE	4
25.6	MESSAGE FIELD CODE (MFC) DIRECTORY	
25.6	5.1 ATN NAME OF PERSON MAKING QUERY - 30	6
25.6	5.2 DOS DATE OF SIGHTING - 10	6
25.6	5.3 NAM NAME - 40	6
25.6		
25.6	5.5 SER AIRCRAFT SERIAL NUMBER - 16	7
25.6		
		

25.0 AIRCRAFT REGISTRATION TRANSACTION

25.1 DESCRIPTION

Aircraft registration information about commercial and private aircraft registered with FAA is available via an Nlets transaction. This data is provided by Nlets by formatting a transaction to go to the FAA internet website, "screen scraping" the data, formatting it, then returning the data to the terminal from which the query was made.

See Appendix A, Section 25.0 for XML registration formats and examples. See Appendix B, Section 25.0 for Native registration formats and examples.

25.2 INQUIRY MESSAGE KEY

GQ Aircraft Registration Query

25.3 INQUIRY DESTINATION LIMITATIONS

GQ All queries must be directed to the two-character code "FA"

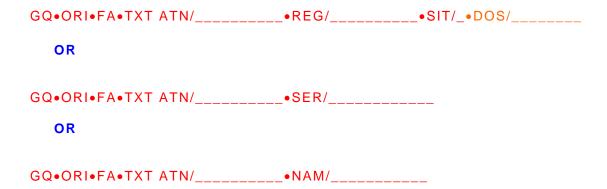
12.4 DATA ELEMENTS

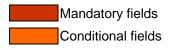
25.4.1 GQ DATA ELEMENTS

Field	MFC
Message key	None
ORI of requesting agency	None
Destination Code (must be FA)	None
Fixed field prefix denoting beginning of message	TXT
Attention Field	ATN/
Registration number	REG/
Serial number	SER/
Name	NAM/
Sighted?	SIT/
Date of sighting	DOS/

25.4.2 GQ INQUIRY FORMATS

Should the aircraft be the subject of a TECS record, a hit notification message will be sent to those officers on TECS who have an interest in the suspect aircraft.





25.4.3 INQUIRY BY REG - EXAMPLE

GQ.NL0000000.FA.TXT ATN/INVESTIGATOR JONES.REG/N1.SIT/Y.DOS/20070101

25.4.4 INQUIRY BY SER - EXAMPLE

Queries by SER may generate hit lists of up to 50 matches.

GQ.NL0000000.FA.TXT ATN/INVESTIGATOR JONES.SER/12345678901234567890

25.4.5 INQUIRY BY NAM - EXAMPLE

Queries by NAM may generate hit lists of up to 50 matches.

Names are queried using Last, First, and Middle Initial; while business names are queried with spaces between each name. All name queries are soundexed with the exact matches being at the top of the hit list on multiple hits.

Upon receipt of the hit list of abbreviated information on each aircraft, the user must enter another query using the registration number that is displayed on each hit list entry.

GQ.NL0000000.FA.ATN/INVESTIGATOR JONES.NAM/TEST, NLETS

25.5 INQUIRY RESPONSES

Responses to GQ Inquiries can include:

- Any or all of the following data elements:
 - Aircraft registration number
 - Serial number
 - Year
 - Make
 - Model
 - Type
 - Manufacturer
 - Class
 - Engine Type
 - Name of Registrant
 - Address of Registrant
- NOT ON FILE
- TEMPORARILY UNAVAILABLE

25.5.1 INQUIRY RESPONSE - EXAMPLE

NEGATIVE RESPONSE

NO REGISTRATION RECORD ON REG/NTST

MULTIPLE RECORD RESPONSE

```
7 MATCHES ON NAM/WORLD AIRWAYS INC
N749WA
BOEING
747-273C
WORLDAIRWAYSINC
N112WA
DOUGLAS
DC-10-30F
WORLDAIRWAYSINC
N108WA
DOUGLAS
DC-10-30F
WORLDAIRWAYSINC
N107WA
DOUGLAS
DC-10-30F
WORLDAIRWAYSINC
N106WA
DOUGLAS
DC-10-30F
WORLDAIRWAYSINC
N5363M
CESSNA
152
WORLDROSESINC
N2038U
BEECH
V35B
WORLDAEROSPACELTD
```

POSITVE RESPONSE

AIRCRAFT REGISTRATION RECORD
REG NR:N106WA SERIAL NR: 46835
YR:79 MAKE:DOUGLAS MODEL:DC-10-30F TYPE:FIXED WING MULTIENGINE
MFG:3023503 CLASS:STANDARD APPROVED OP:TRANSPORT ENGINES:3-TURBOJET
REGISTRANT:WORLD AIRWAYS INC
ADDRESS:OAKLAND INTERNATIONAL AIRPORT/OAKLAND/CAUS/94614
ISSUED:061885 VALIDATED:061885

25.6 MESSAGE FIELD CODE (MFC) DIRECTORY

Each message transaction is comprised of multiple data elements; this section provides the necessary information on data elements for this transaction. Each data element is identified by a specific field name. Each field name is abbreviated with a unique three-character code called a message field code (MFC). The MFC's are sorted alphabetically, then followed by a plain-word description of each. The number immediately following the description indicates the maximum number of characters allowed for that data element. Below the description line is text describing specific requirements for this field.

25.6.1 ATN NAME OF PERSON MAKING QUERY - 30

MANDATORY

Alphanumeric; – Must Name and ID # of person making query.

25.6.2 DOS DATE OF SIGHTING - 10

CONDITIONAL

Numeric only; – Must be CCYY-MM-DD (or) CCYYMMDD. Complete date of birth.

- Mandatory in query by REG when the SIT field is "Y"
- Not allowed in any other transaction

25.6.3 NAM NAME - 40

CONDITIONAL

Alpha only; Queries by NAM may generate hit lists of up to 50 matches.

Person names formatted: Last, First, and Middle Initial;

Business names formatted: As displayed with spaces between each name.

All name queries are soundexed with the exact matches being at the top of the hit list on multiple hits. Upon receipt of the hit list of abbreviated information on each aircraft, the user must enter another query using the registration number that is displayed on each hit list entry.

- •
- Mandatory in query by NAM
- Not allowed in any other transaction

25.6.4 REG AIRCRAFT TAIL NUMBER - 6

CONDITIONAL

Alphanumeric; Tail number of aircraft that is the subject of the query;

- Mandatory in query in by REG number
- Not allowed in other transactions

25.6.5 SER AIRCRAFT SERIAL NUMBER - 16

CONDITIONAL

Alphanumeric; serial number of aircraft that is the subject of the query;

- Mandatory in query in by REG number
- Not allowed in other transactions

25.6.6 SIT WAS THE AIRCRAFT SIGHED - 1

CONDITIONAL

Alpha; Indicates whether or not the aircraft has been sighted. Use only on inquiries by REG. If yes, the DOS field must also be used.

- · Mandatory in query in by REG
- Not allowed in other transactions